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Charles A. Vacanti, Martin P. Vacanti, and Joseph Vacanti**

Appendix A

- UMMC 95-03:** **Antibiotic Suture Material**
Inventor: Charles Vacanti
No applications filed
- UMMC 95-21:** **Cartilage/Tissue Paint**
Inventor: Charles Vacanti
U.S. Patent Application 08/747,036
Issued: U.S. Patent 5,944,754
PCT Patent Application PCT/US96/18166
European Patent Application 96941344.2
- UMMC 96-14:** **Tubular, Ductile or Vascular Anastomosis Compression Cylinders**
Inventor: Charles Vacanti
No applications filed
- UMMC 96-19:** **Guided Development and Support of Hydrogel-Cell Compositions**
Inventors: Charles Vacanti and Joseph Vacanti
U.S. Patent Application 09/066,038
Issued: U.S. Patent 6,027,744
- UMMC 99-01:** **The Generation of Engineered Tissue in a Bioreactor for Transplantation**
Inventors: Charles Vacanti and Joseph Vacanti
No applications filed
- UMMC 99-07:** **Spinal Cord Repair**
Inventors: Charles Vacanti, Joseph Vacanti, and Martin Vacanti
U.S. Continuation-in-part Patent Application 09/200,033
Issued: U.S. Patent 6,171,610 B1
U.S. Continuation-in-part Patent Application 09/066,038
U.S. Continuation Patent Application 09/658,912
PCT Patent Application PCT/US99/08471
European National Phase Patent Application 9921398.6
- UMMC 99-37:** **Skin Progenitor Cells**
Inventors: Charles Vacanti and Martin Vacanti
U.S. Patent Application 09/475,611

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UMMC 99-38:**Retina Progenitor Cells**

**Inventors: Charles Vacanti and Martin Vacanti
U.S. Patent Application 09/475,369**

UMMC 99-47:**Spore-Like Cells**

**Inventors: Charles Vacanti and Martin Vacanti
U.S. Patent Application 09/476,047
PCT Patent Application PCT/US00/35606**

UMMC 00-09:**Pancreas Progenitor Cells**

**Inventors: Charles Vacanti and Martin Vacanti
U.S. Patent Application 09/476,394**

UMMC 00-29:**Spore-Like Cells from Frozen Tissue**

**Inventors: Charles Vacanti and Martin Vacanti
U.S. Patent Application 10/020,778**

UMMC 00-30:**The Procurement and Use of Spore-like Cells Derived from all Body
Tissues for Use in Allogenic and Xenogeneic Cell Therapy to Include
Tissue Engineering and Gene Therapy**

**Inventors: Charles Vacanti and Martin Vacanti
No applications filed**

UMMC 00-38:**The use of spore like cells in vitro to generate therapeutic agents and
test efficacy and toxicology of various endogenous agents**

**Inventors: Charles Vacanti and Martin Vacanti
No applications filed**

UMMC 02-31:**A biologic field dressing to generate new tissue**

**Inventors: Charles Vacanti and Martin Vacanti
No applications filed**

UMMC 02-32:**In vitro generation of biological scaffolding material using the spore-
like cell**

**Inventors: Charles Vacanti and Martin Vacanti
U.S. Patent Application 60/419,682**

UMMC 03-07:**A novel expansion method of chondrocytes using decanting methods
including small (spore-like) cells**

**Inventor: Martin Vacanti
No applications filed**

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- UMMC 03-22:** The generation of insulin producing islets from unprepared frozen blood and bone marrow
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-27:** The use of unprepared frozen blood to generate spore-like cells/dynamic matrix for reconstitution of the bone marrow
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-35:** The use of the spore-like cell and dynamic matrix for gene based therapies
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-44:** The procurement and use of spore-like cells derived from previously unprepared frozen tissue for cloning extinct animal species
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-45:** The use of tumor derived spore-like cells to derive a vaccine for treatment
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-46:** The use of spore-like cells suspended in hydrogel to treat congestive heart failure
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-57:** The inhibition of tumor growth by freshly synthesized cartilage matrix products using hydrogel-tissue engineering techniques
Inventors: Charles Vacanti and Martin Vacanti
No applications filed
- UMMC 03-62:** Reversal of degenerative diseases (aging) by systemic administration of spore-like cells in combination with systemic removal of degradation products
Inventors: Charles Vacanti and Martin Vacanti
No applications filed

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UMMC 03-72: The use of spore-like cells to repair the damaged DNA of tumor cells

Inventors: Charles Vacanti and Martin Vacanti
No applications filed.

UMMC 03-88: Reversal of degenerative diseases (aging) by systemic administration

of spore-like cells in combination with systemic removal of
degradation products

Inventors: Charles Vacanti and Martin Vacanti
No applications filed